SARE Logic Model – Research and Education (R&E) Programs

**What SARE provides:**
- Funds for Grants
- Administration
- Applicant Guidance
- Proposal Review

**To support competitive grants for:**
- Integrated research and education projects
- Extension education about R&E project findings
- Extension education about other research-based sustainable agriculture practices, strategies, approaches
- On-farm problem-solving, testing and demonstrations
- Graduate Student research

**Who’s involved as target audience and partners:**
- **Target audience:** Farmers & Ranchers
- **Partners:** Scientists, University faculty
  - Extension educators
  - NGOs
  - Technical service providers, NRCS, ARS, EPA and others involved in sustainable agriculture.
  - Grad students
  - Other stakeholders in the food system, including consumers
  - Policy and decision makers, advocates

**What’s produced:**
- **Research activities**
  - Information from research about: Sustainable ag systems, practices, and principles
  - 3.3 New, innovative practices, methods and technology
- **Educational activities including:**
  - Farm tours, field days, workshops, webinars
- **Information products including:**
  - Extension curricula, decision-making tools
  - Extension publications, web media
  - Scientific journal articles
  - Dissertations, theses, presentations
  - Reports, bulletins, white papers

**What’s learned:**
- Farmers and other stakeholders gain or increase:
  - Knowledge of sustainable ag systems, practices, and principles
  - Skills in applying new sustainable ag knowledge
  - Understanding of health, safety, economic and environmental impacts of production, management, food choices
  - Knowledge of barriers to, and opportunities for sustainable ag improvements
  - Knowledge and skills for leadership capacity among farmers and ag professionals

**What’s done:**
- Farmers and Ranchers begin or increase adoption of:
  - Principles, practices, systems, technologies and approaches suited to long term sustainability
  - Incorporation of principles and practices from projects into their work
  - New research that builds on SARE-funded R&E projects
  - Incorporation of project findings and related sustainability principles into courses, extension publications, NRCS guides, etc.
  - Support for sustainable ag through purchases, policy change and/or food chain improvements.
  - Collaborations and partnerships for sustainable ag research and education

**What’s improved:**
- Market and employment opportunities in agriculture
- Economic well-being for producers
- Quality of life for producers and communities
- Environmental quality and stewardship
- Efficiency of nonrenewable and on-farm resources use
- Access to healthy, affordable food
- Institutional support, policy and professional inquiry into issues of long term agricultural sustainability